Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 02 Oct 2023 until 23:59 on Tuesday 03 Oct 2023

Forecast Issued on Monday 02 Oct 2023 at 03:37

Confidence: Medium due to movement and position of a waving weather front to the south of the Park during Monday.

Headline for Monday 02 Oct 2023: mainly dry with variable cloud and .chance of a light shower.

Mountain weather hazards on Monday 02 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
10%	20%	40%	50%	30%	20%

Forecast for Monday 02 Oct 2023

Weather: Variable amounts of cloud during Monday with some bright or sunny spells likely, mainly in morning. Cloud probably thickening for the afternoon. Chance of a shower through the day, mostly light in intensity.

Chance of cloud-free hill tops above 600m: 70%.

Low Cloud and visibility: Mainly no significant cloud, but occasional or patchy cloud near summits, mainly early and late in day. Visibility mostly good or very good, but possibly moderate in any showers, and poor or very poor in any cloud over summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 02 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 W	14/18 SW	13/17 SW	13/17 SW	8/11 SW	5/8 SW	7/11 SW
300	4/15 W	7/15 SW	10/18 SW	7/14 SW	4/9 SW	2/7 SW	2/8 W
Valley	1/9 SW	3/10 SW	8/16 SW	7/14 SW	4/10 S	2/7 SW	2/6 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	10/6	10/7	9/6	8/6	8/7	8/6
300	11/10	12/11	13/11	12/10	10/10	10/10	9/9
Valley	12/12	13/13	14/13	13/12	11/11	11/11	11/10
Freezing Level*	1700m	1500m	1600m	1700m	1800m	1700m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some uncertainty in rain details due to slow moving, waving weather front lying to the south of the Park.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 02 Oct 2023	2.8mm	16.2mm	16.2mm

Forecast for Tuesday 03 Oct 2023

Weather: Cloudy start to Monday night. This thinning, and clearing from the west during the early hours of Tuesday morning, with clear spells likely. Although increasing chance for following blustery showers by dawn. Occasional summit cloud and further blustery showers during daylight hours on Tuesday with some drier and brighter spells. Some rather heavy showers are likely with low chance of lightning

Maximum wind: Westerly 30mph with gusts reaching 40-45mph

Chance of cloud-free hill tops above 600m: 70%

Low Cloud and visibility: Occasional or extensive cloud, base near or above the tops. Visibility good or very good, falling moderate or poor in showers and any summit cloud.

Temperature: **Valleys:** Plus 7 degrees Celsius rising to plus 15 degrees Celsius.
At 600m: Plus 6 degrees Celsius rising to plus 9 degrees Celsius.
Freezing level: Above the summits.

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